

WEI SHI

Wichita, KS

| shixwei.com

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SUMMARY Software Engineer that is self-motivated and highly willing to learn and contribute, with over two years of work experience in a small high-tech startup. Supportive and dedicated to working well with other team members.

EDUCATION Rice University Houston, TX
B.S. in Bioengineering Class of 2015

SKILLS **Languages** - Javascript, C#, Python, MATLAB
Front-End - React, Redux, HTML5, CSS
Back-End - Node, Express, Web Sockets, REST APIs
Databases - MySQL, MongoDB (Mongoose)
Other - Git, Heroku, AWS, Adobe Illustrator, Adobe After Effects, Blender

EXPERIENCE **Software Engineer and Operations** 05/2016 - 02/2019
UAVradars LLC

Manipulated, analyzed, and visualized data using MATLAB for the calibration and operation of a collision avoidance radar prototype for unmanned aerial vehicles funded by NASA's SBIR Phase II.

Designed and implemented software that monitors live radar data and GPS/INS during manned aircraft flight tests.

Managed company website with WordPress, managed company taxes and payroll, created 3D model of radar, & animated introduction video.

Manufacturing Intern 06/2015 - 08/2015
Boston Scientific, Heredia, Costa Rica

Analyzed and solved problems in manufacturing steps by collecting data and communicating with workers and engineers on the Blazer Dx-20 product line.

PERSONAL PROJECTS For code, demos, and a full list of projects please visit my website at shixwei.com

Type-Royale 08/2019 - 09/2019
Multiplayer Socket.io typing web app. Uses Node.js, Express, React. Personal project

Emaily 06/2019 - 08/2018
Web app for sending simple surveys via email en masse. MERN stack, payments with Stripe API, and emailing with SendGrid API. From online course.

Backtrack 03/2019 - 09/2019
Productivity app that logs computer activity and gives various visualization options. Made with Python (for collecting data) and Electron (for visualizing data).
